

How to change rear shock absorbers on Opel Meriva X03 – replacement guide

 VIDEO TUTORIAL

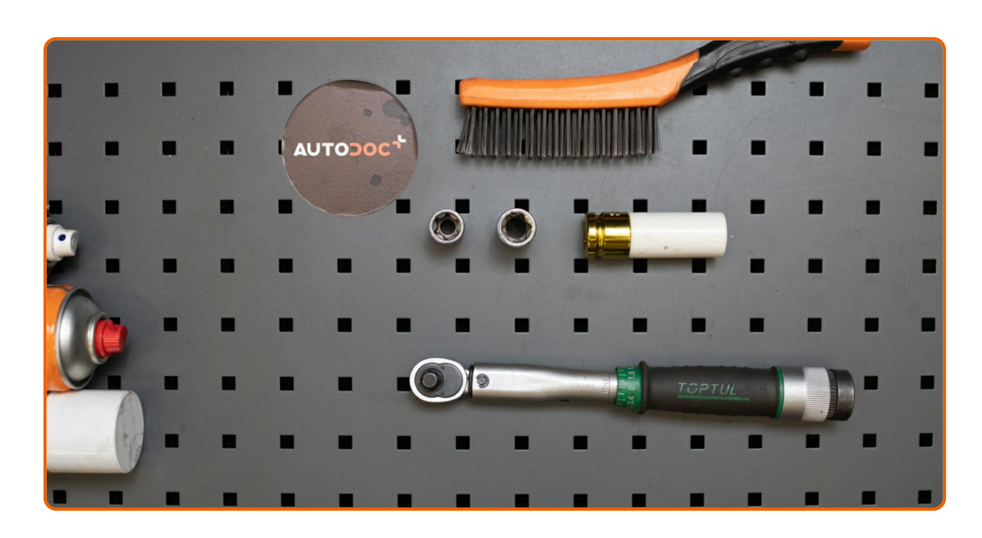
Important!

This replacement procedure can be used for:
OPEL ASTRA G Estate (T98) 1.6 16V (F35), OPEL MERIVA A MPV (X03) 1.6 16V (E75), OPEL ZAFIRA A MPV (T98) 1.6 (F75), OPEL ZAFIRA A MPV (T98) 1.6 16V (F75)

The steps may slightly vary depending on the car design.



REPLACEMENT: SHOCK ABSORBERS – OPEL MERIVA X03. TOOLS YOU'LL NEED:



- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Torque wrench
- Drive socket # E18
- Drive socket # E20
- Wheel impact socket #17
- Ratchet wrench
- Tap wrench
- Hydraulic transmission jack
- Wheel chock

Replacement: shock absorbers – Opel Meriva X03. AUTODOC experts recommend:

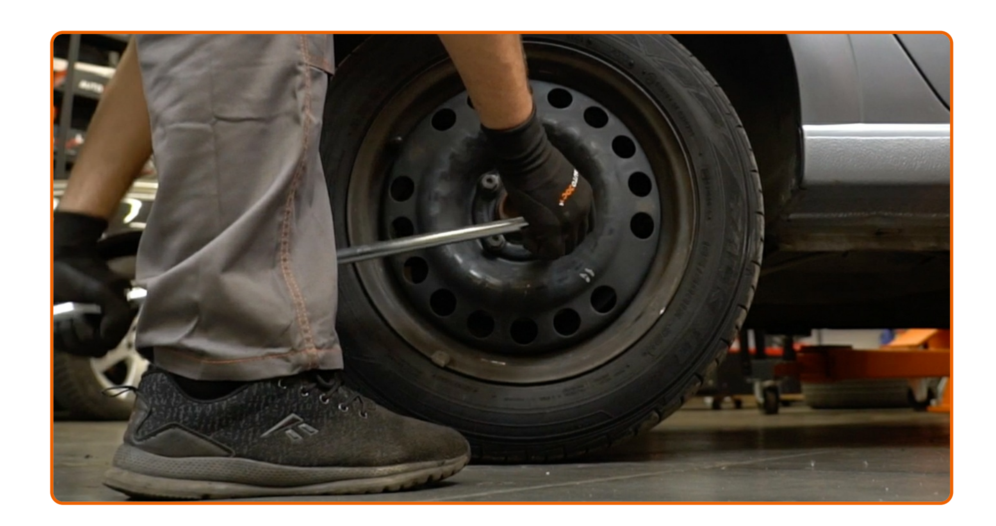
- Both shock absorbers of the rear suspension should be replaced simultaneously.
- The replacement procedure is identical for the left and right shock absorbers of the rear suspension.
- All work should be done with the engine stopped.

REPLACEMENT: SHOCK ABSORBERS – OPEL MERIVA X03. RECOMMENDED SEQUENCE OF STEPS:

1

Secure the wheels with chocks.

2



Loosen the wheel mounting bolts. Use wheel impact socket #17.



3



Raise the rear of the car and secure on supports.

4



Unscrew the wheel bolts.

Replacement: shock absorbers – Opel Meriva X03. Professionals recommend:

- To avoid injury, hold up the wheel when unscrewing the bolts.

5



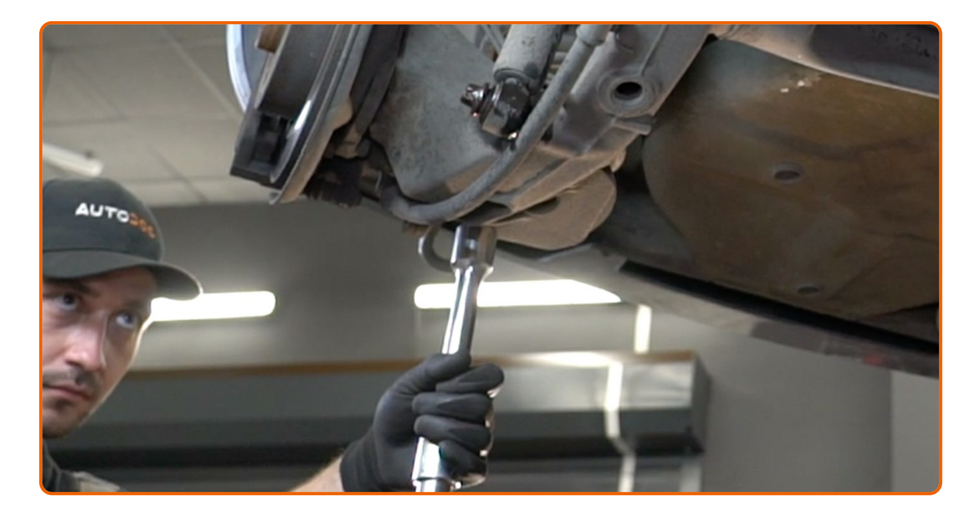
Remove the wheel.

6



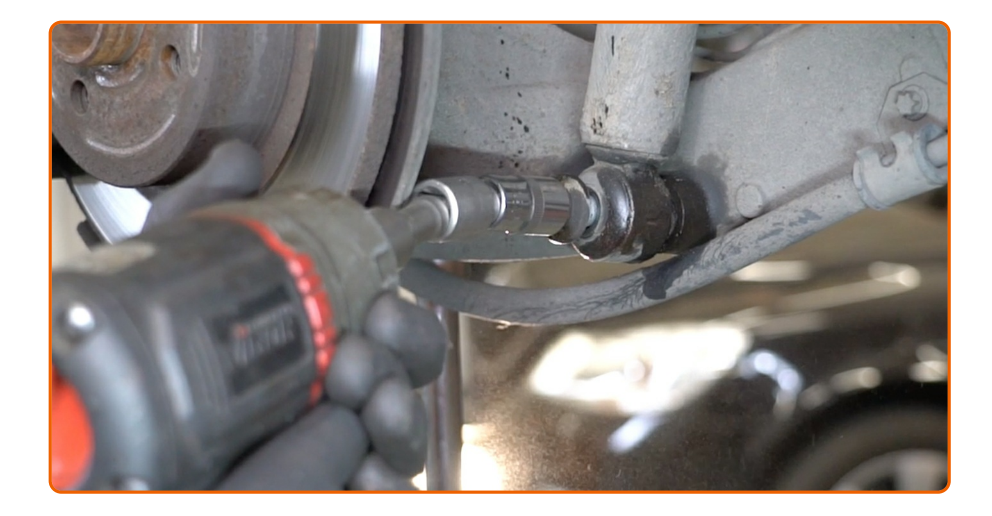
Clean the shock absorber fasteners. Use a wire brush. Use WD-40 spray.

7



Support the rear suspension beam. Use a hydraulic transmission jack.

8



Unscrew the lower fastener of the shock absorber. Use a drive socket #E20. Use a tap wrench.

9



Remove the fastening bolt.

10

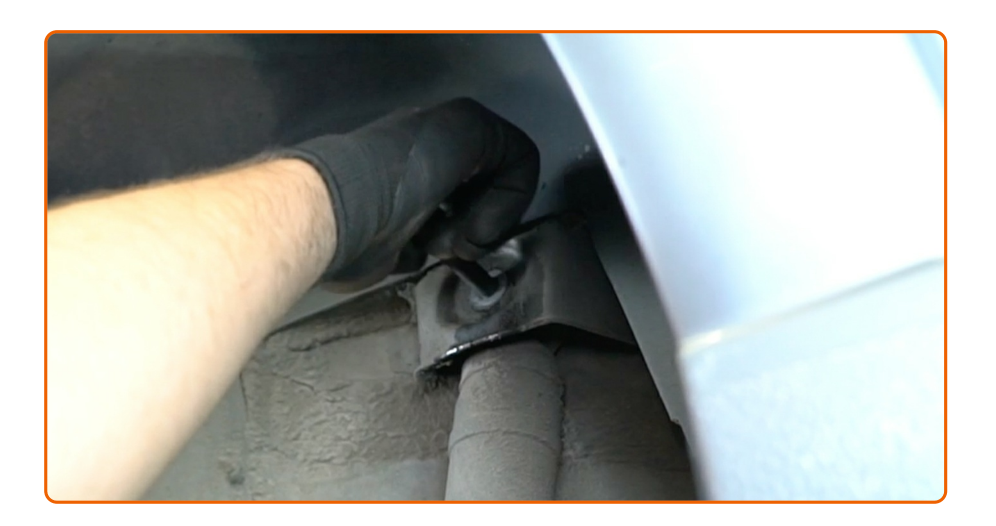


Unscrew the upper fastener of the shock absorber. Use a drive socket #E18. Use a tap wrench.

AUTODOC recommends:

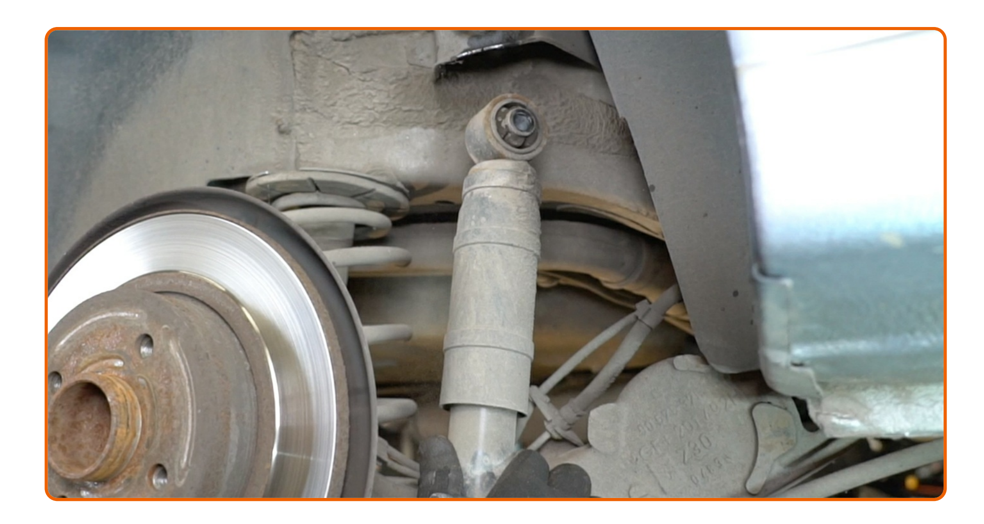
- Important! Hold the shock absorber while unscrewing the fastening bolts. Opel Meriva X03

11



Remove the fastening bolt.

12



Remove the shock absorber.

13

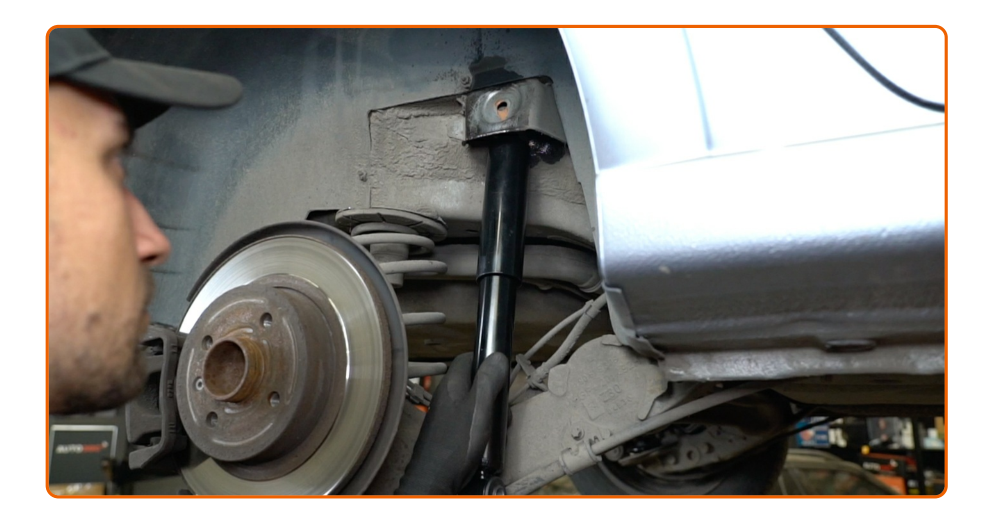


Clean the shock absorber mounting seats. Use a wire brush. Use WD-40 spray.

Replacement: shock absorbers – Opel Meriva X03. Tip from AUTODOC experts:

- Before installing a new shock absorber you should pump it manually 3-5 times.

14



Place the shock absorber in the wheel arch and fasten it.

AUTODOC recommends:

- Important! Hold the shock absorber while screwing in the fastening bolts. Opel Meriva X03

15



Install the fastening bolt.

16



Screw the upper fastener of the shock absorber. Use a drive socket #E18. Use a ratchet wrench.

17



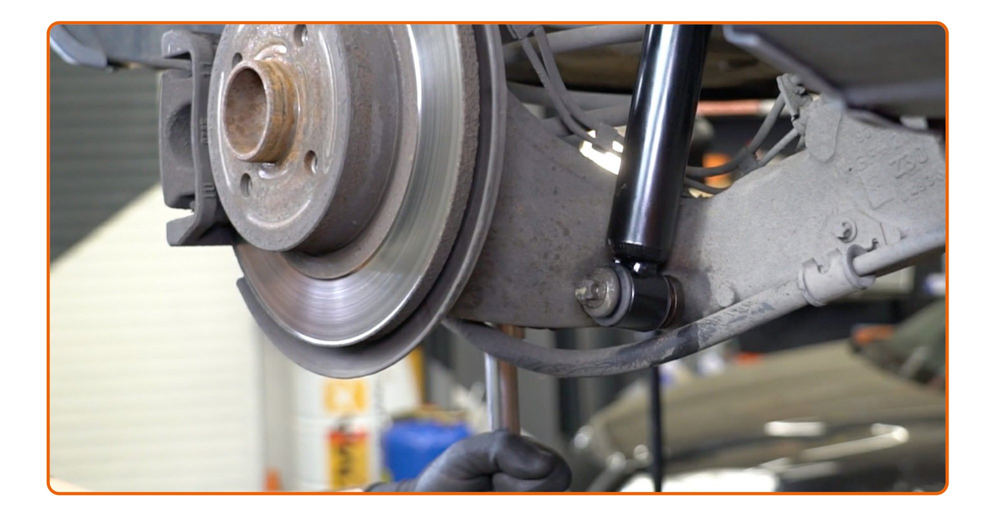
Install the fastening bolt.

18



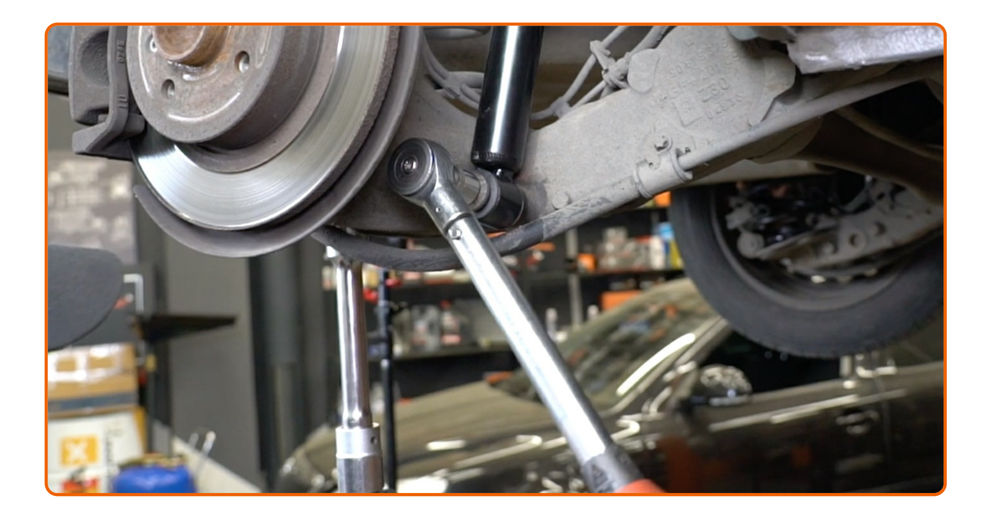
Screw in the lower fastener of the shock absorber. Use a drive socket #E20. Use a ratchet wrench.

19



Raise the hydraulic transmission jack by 10-15 cm.

20



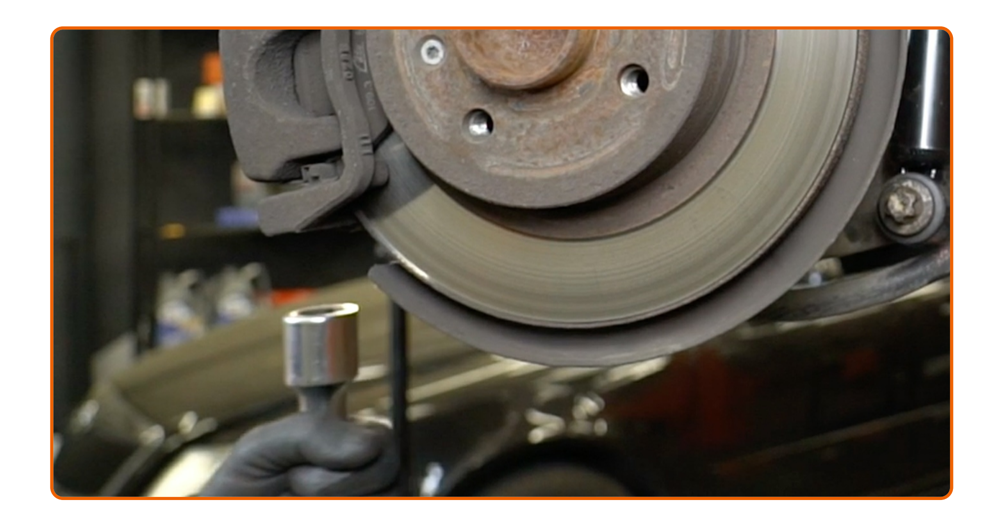
Tighten the lower fastener of the shock absorber. Use a drive socket #E20. Use a torque wrench. Tighten it to 76 Nm torque.

21



Tighten the top shock absorber fastening. Use a drive socket #E18. Use a torque wrench. Tighten it to 72 Nm torque.

22



Remove the mounting from under the rear axle beam.

AUTODOC recommends:

- Replacement: shock absorbers – Opel Meriva X03. Lower the transmission jack smoothly, without jerks, to avoid damaging components and mechanisms.

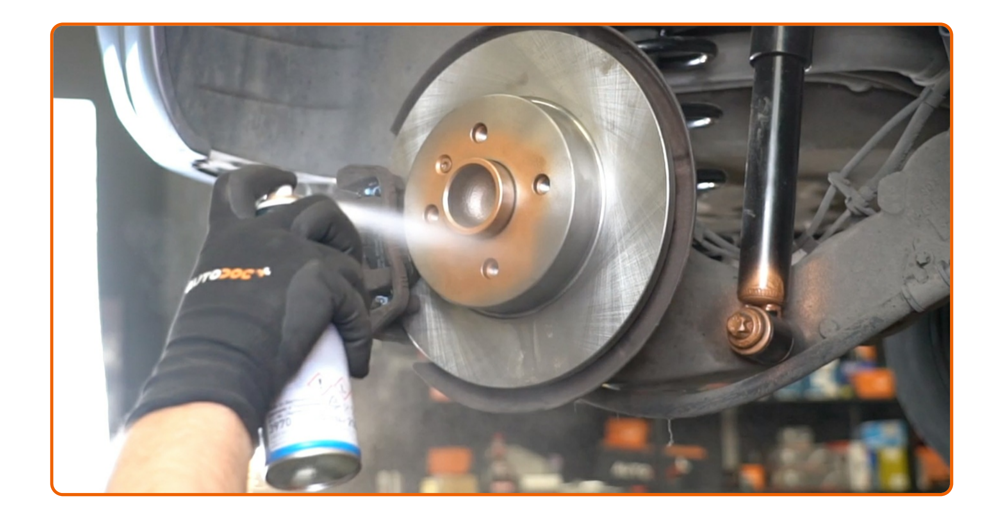


23



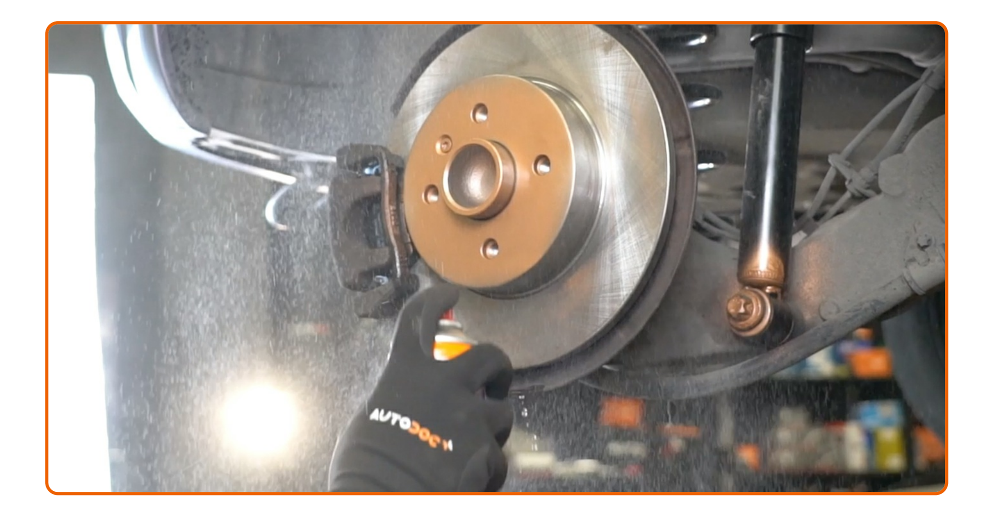
Treat the shock absorber fasteners. Use copper grease.

24



Treat the surface where the brake disc contacts the wheel rim. Use copper grease.

25



Clean the brake disk surface. Use a brake cleaner.

AUTODOC recommends:

- Replacement: shock absorbers – Opel Meriva X03. After applying the spray, wait a few minutes.

26



Install the wheel.

AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while screwing in the fastening bolts on the car. Opel Meriva X03

27



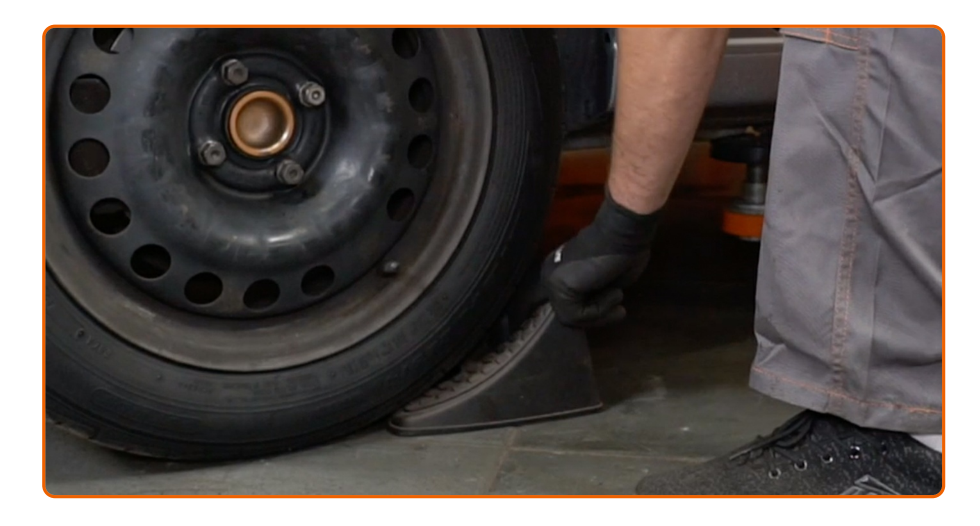
Screw in the wheel bolts. Use wheel impact socket #17.

28



Lower the car and working in a cross order, tighten the wheel bolts. Use wheel impact socket #17. Use a torque wrench. Tighten it to 120 Nm torque.

29



Remove the jacks and chocks.



DID YOU FIND THESE INSTRUCTIONS HELPFUL?

YES

NO



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